

# Notice of Allowability

Application No.

10/655,768

Examiner

Mary J. Steelman

Applicant(s)

BERINGER ET AL.

Art Unit

2191

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 09/29/2006.
2. ☒ The allowed claim(s) is/are 1-37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### DETAILED ACTION

1. This Office Action is in response to Remarks and Amendments received 09/29/2006. Per Applicant's request, claims 1-37 have been amended. Claims 1-37 are pending. New Replacement Sheet Drawing for Fig. 1 has been entered.

### EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kenneth F. Kozik, Reg. No. 36,572 on 12/06/2006.

3. Claims 1, 10, 18, 25, 30, 34, and 36 are to be amended as follows:

#### IN THE CLAIMS:

Claim 1, last line, [to produce] and generating

Claim 10, last line, [to generate] generating

Claim 18, last line [.]

Insert, after last line: generating the software application, using the requirement mapped patterns.

Claim 25, last line [.]

Insert, after last line: wherein the patterns, configured according to identified requirements, are used in generating the software application.

Art Unit: 2191

Claim 30, last line [.]

Insert, after last line: wherein the patterns, configured according to identified requirements, are used in generating the software application.

Claim 34, last line [.]

Insert, after last line: generating the software application using the mapped patterns.

Claim 36,

First line, A computer-implemented method of developing [an] a software

Last line[.]

Insert, after last line: generating one or more personal support pages and one or more execution framework pages.

THE END

*Allowable Subject Matter*

4. Claims 1-37 are allowed.

5. The following is an examiner's statement of reasons for allowance:

Regarding independent claim 1 (and similarly recited in claim 10), as Applicant has pointed out on page 11, 3<sup>rd</sup> and 7<sup>th</sup> paragraphs of Remarks, Barrett, Underwood, and other cited prior arts taken alone or in combination, fail to teach or suggest the following, when taken in the context of the claim as a whole:

Art Unit: 2191

“identifying pattern types corresponding to requirements for the software application to be developed, wherein the pattern types are identified from one or more of process patterns, user interface (UI) patterns, and generic object patterns;”

Regarding independent claims 18, 25, 30, 34, and 36, as Applicant has pointed out on page 13, 1<sup>st</sup> paragraph, Barrett, Underwood, and other cited prior arts taken alone or in combination, fail to teach or suggest the following, when taken in the context of the claim as a whole:

“mapping the identified requirements to patterns from the available patterns by mapping process-related requirements to a corresponding business process pattern, wherein process-related requirements for which a business pattern is unavailable are mapped to a corresponding work process pattern, and process-related requirements for which a work process pattern is unavailable are mapped to a corresponding business action pattern.”

Moreover, evidence for modifying the prior art teachings by one of ordinary skill level in the art was not uncovered so as to result in the invention as recited.

Thus, all remaining dependent claims, claims 2-9, 11-17, 19-24, 26-29, 31-33, 35, and 37, are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Art Unit: 2191

***Conclusion***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Steelman, whose telephone number is (571) 272-3704. The examiner can normally be reached Monday through Thursday, from 7:00 AM to 5:30 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Zhen can be reached at (571) 272-3708. The fax phone number for the organization where this application or proceeding is assigned: 571-273-8300.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mary Steelman

12/06/2006

*Mary Steelman*  
*Primary Examiner*  
*12.06.2006*